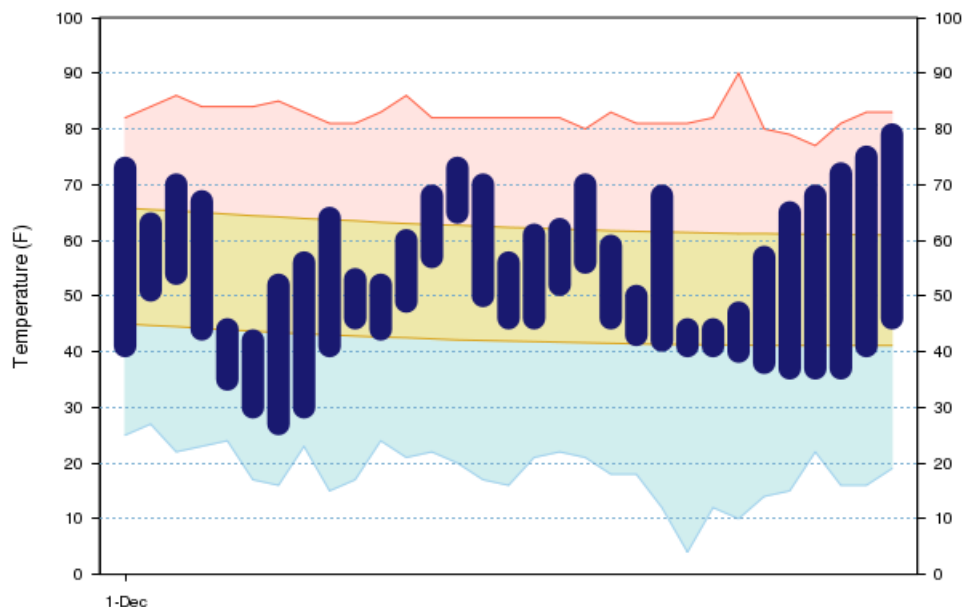


## December 2011 Weather in Review

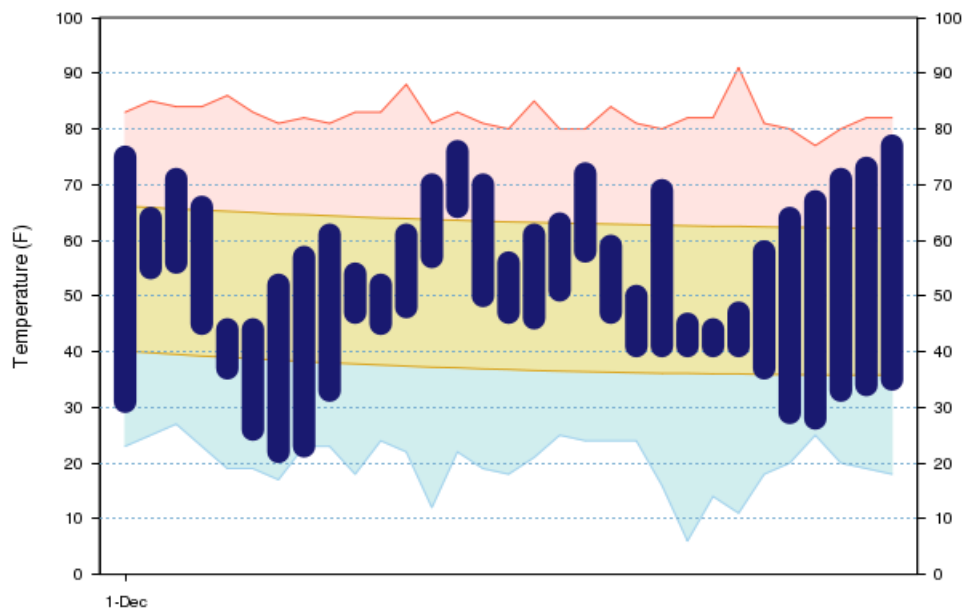
December 2011 weather changed from more cloudy days with occasional rain from December 2nd to December 25th to sunny and dry days from the mid to late morning of December 26th to December 31st. The cloudiness from the 2nd to the 25th limited the range of daily temperatures. This changed at the end of the month, with sunny, dry days and clear nights. The rain in December was above average at most locations. The charts below illustrate the daily highs and lows for December 2011 at Austin Mabry, Austin Bergstrom, Del Rio, and San Antonio.

Temperature Summary for Austin Area  
Dec 1, 2011 - Dec 31, 2011



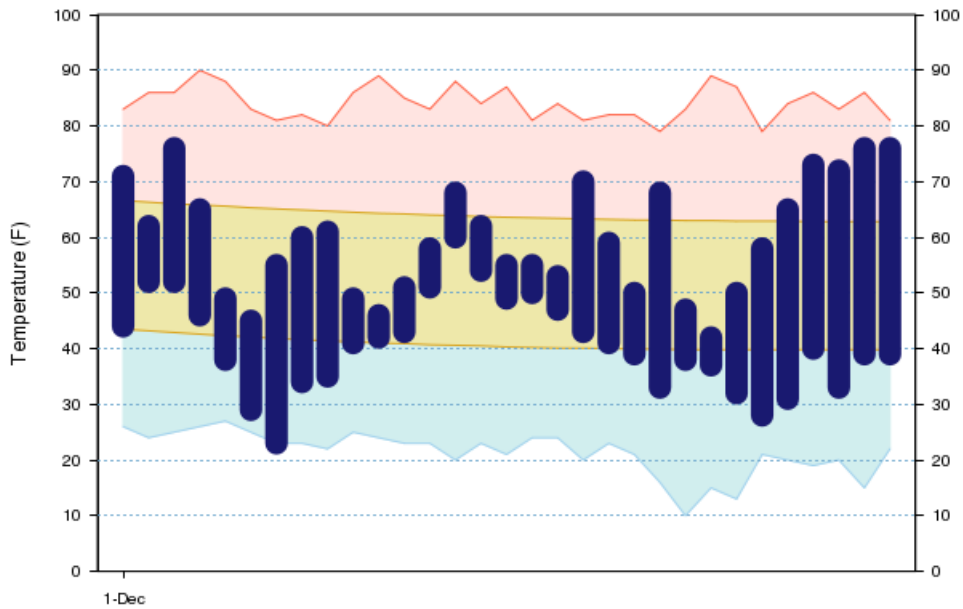
Observed daily maximum and minimum temperatures are connected by dark blue bars.  
Area between normal maximum and minimum temperatures has tan shading.  
Red line connects record high temperatures. Light blue line connects record low temperatures.

Temperature Summary for Austin-Bergstrom Airport Area  
Dec 1, 2011 - Dec 31, 2011



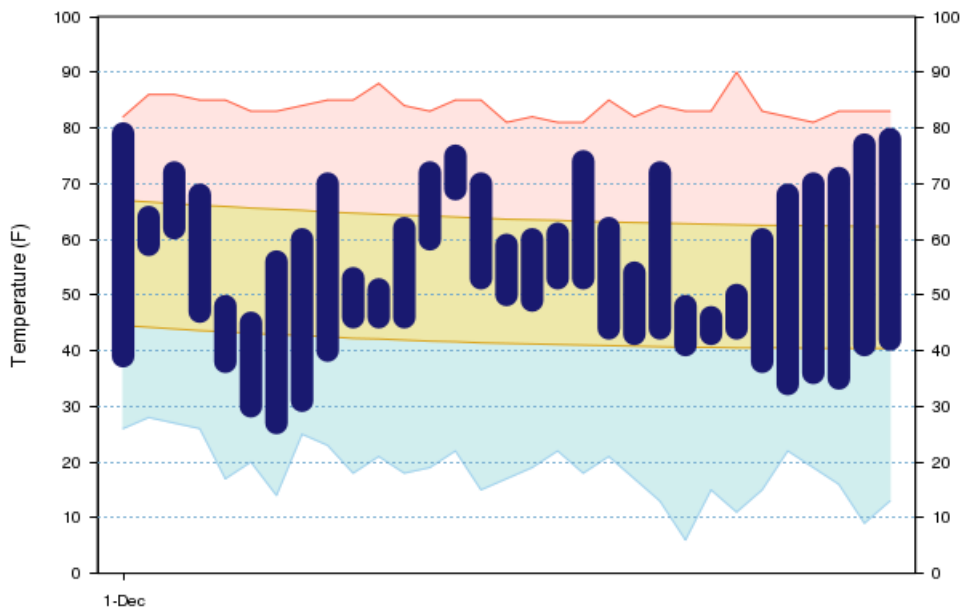
Observed daily maximum and minimum temperatures are connected by dark blue bars.  
Area between normal maximum and minimum temperatures has tan shading.  
Red line connects record high temperatures. Light blue line connects record low temperatures.

**Temperature Summary for Del Rio Area**  
**Dec 1, 2011 - Dec 31, 2011**



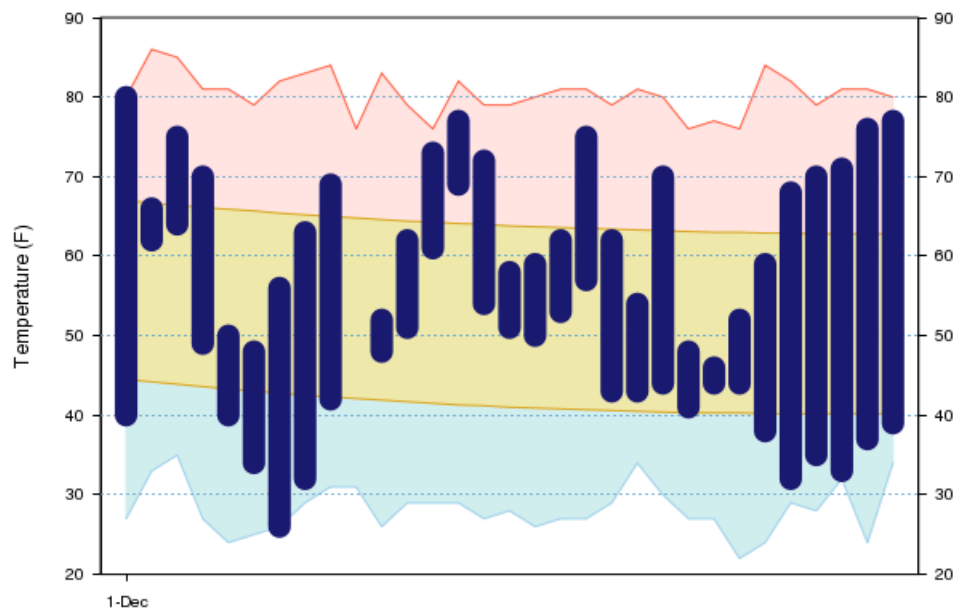
Observed daily maximum and minimum temperatures are connected by dark blue bars.  
 Area between normal maximum and minimum temperatures has tan shading.  
 Red line connects record high temperatures. Light blue line connects record low temperatures.

**Temperature Summary for San Antonio Area**  
**Dec 1, 2011 - Dec 31, 2011**



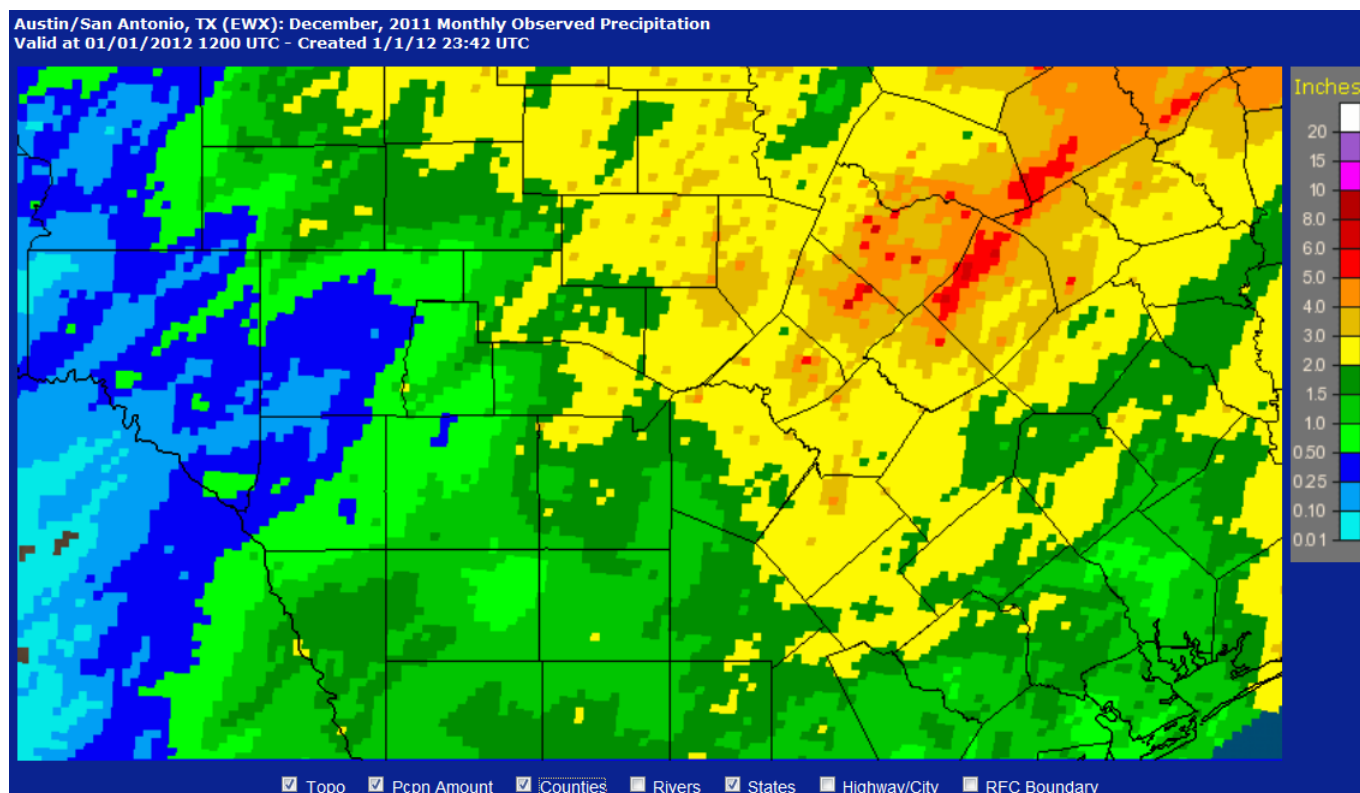
Observed daily maximum and minimum temperatures are connected by dark blue bars.  
 Area between normal maximum and minimum temperatures has tan shading.  
 Red line connects record high temperatures. Light blue line connects record low temperatures.

# Temperature Summary for SAN ANTONIO STINSON AP Dec 1, 2011 - Dec 31, 2011



Observed daily maximum and minimum temperatures are connected by dark blue bars.  
Area between normal maximum and minimum temperatures has tan shading.  
Red line connects record high temperatures. Light blue line connects record low temperatures.

The chart below shows December 2011 rainfall across South Central Texas.



## **Rainfall rankings for a calendar year, January to December rainfall, and how Year 2011 compared to the 20 driest calendar years.**

The rainfall rankings for the 20 driest January to December periods, calendar years, is listed below.

Year 2011 was the 11th driest calendar year in 155 years at Austin Mabry from 1856 to 2011, the 6th driest at Austin Bergstrom in 68 years from 1943 to 2011; the 12th driest at Del Rio in 105 years from 1906 to 2011; and the 14th driest at San Antonio in 140 years from 1871 to 2011.

The list below shows the 20 driest calendar years at Austin Mabry, Austin Bergstrom, Del Rio, and San Antonio since the beginning of record.

### **20 DRIEST CALENDAR YEARS AT AUSTIN MABRY FROM 1856 TO 2011. THE 1981 TO 2010 NORMAL IS 34.24 INCHES.**

1. 1954 11.42	11. 2011 19.68
2. 1956 15.41	12. 1912 20.37
3. 1917 15.58	13. 1909 20.57
4. 2008 16.07	14. 1948 20.98
5. 1963 17.30	15. 2003 21.41
6. 1879 18.34	16. 1906 21.49
7. 1893 19.04	17. 1878 21.56
8. 1988 19.21	18. 1947 21.58
9. 1901 19.50	19. 1939 22.13
10. 1856 19.63	20. 1977 22.14

### **20 DRIEST CALENDAR YEARS AT AUSTIN BERGSTROM FROM 1943 TO 2011. THE 1981 TO 2010 NORMAL AT AUSTIN BERGSTROM IS 32.15 INCHES.**

1. 1954 9.98	11. 2005 21.45
2. 1948 13.92	12. 2003 23.38
3. 1956 15.65	13. 1988 25.24
4. 2008 15.98	14. 1950 25.32
5. 1963 15.99	15. 1972 25.43
6. 2011 16.90	16. 1999 25.59
7. 1943 18.64	17. 1951 26.37
8. 1955 18.91	18. 1993 27.18
9. 1989 21.00	19. 2006 27.23
10. 1977 21.42	20. 1980 27.26

### **20 DRIEST CALENDAR YEARS AT DEL RIO FROM 1906 TO 2011. THE 1981 TO 2010 NORMAL AT DEL RIO IS 19.52 INCHES.**

1. 1956 4.34	11. 1962 9.91
2. 1933 6.79	12. 2011 9.92
3. 1917 7.65	13. 1955 10.66
4. 1952 7.67	14. 1950 10.70
5. 2001 8.69	15. 1937 10.77
6. 1951 8.84	16. 1924 10.82
7. 1938 8.91	17. 1916 11.13

8. 1910	9.06	18. 1996	11.27
9. 1989	9.24	19. 1963	11.53
10. 2006	9.59	20. 1982	11.94

AT DEL RIO IN 2011, OF THE 9.92 INCHES FOR THE YEAR,  
4.47 INCHES OF RAIN CAME ON AUGUST 11, 2011.

20 DRIEST CALENDAR YEARS AT SAN ANTONIO FROM 1871 TO 2011.  
THE 1981 TO 2010 NORMAL AT SAN ANTONIO IS 32.27 INCHES.

1. 1917	10.11	11. 2005	16.54
2. 1954	13.70	12. 1947	17.32
3. 2008	13.76	13. 1953	17.56
4. 1956	14.31	14. 2011	17.58
5. 1909	14.92	15. 1933	17.64
6. 1925	14.99	16. 1996	17.80
7. 1897	15.92	17. 1955	18.18
8. 1910	16.22	18. 1893	18.24
9. 1999	16.41	19. 1963	18.65
10. 1901	16.44	20. 1911	18.68

The above figures reflect the driest calendar years from January to December; however, sometimes this does not capture the driest one year period for a location.

As a result, the list below illustrates the driest 1 year non-overlapping periods at Austin, Del Rio and San Antonio.

The rainfall from October to December 2011 followed one of the driest one year non-overlapping periods at Austin, Del Rio, and San Antonio.

October 2010 to September 2011 was the driest 1 year non-overlapping period at Austin Mabry since 1856, and the 5th driest 1 year non-overlapping period at San Antonio since 1871. At Del Rio August 2010 to July 2011 was the 3rd driest 1 year non-overlapping period since 1906.

The driest 1 year non-overlapping periods at Austin, Del Rio, and San Antonio are listed below.

At Austin Mabry, the driest 1 year non-overlapping periods from 1856 to September 2011 follow. The latest 30 year 1981 to 2010 normal for one year at Austin Mabry is 34.24 inches.

1. Oct. 2010 to Sep. 2011	11.20
2. Jan. 1954 to Dec. 1954	11.42
3. Oct. 1924 to Sep. 1925	11.83
4. Oct. 1955 to Sep. 1956	12.18
5. May 1977 to Apr. 1978	14.44
Nov. 1916 to Oct. 1917	14.44
6. Jun. 1970 to May 1971	15.06
7. Sep. 2008 to Aug. 2009	15.38
8. Sep. 1878 to Aug. 1879	15.52
9. Oct. 1983 to Sep. 1984	16.86
10. Jul. 1993 to Jun. 1994	17.01

**At Del Rio, the driest non-overlapping 1 year periods from 1906 to September 2011 follow. The latest 30 year 1981 to 2010 normal for One year at Del Rio is 19.52 inches.**

- 1. Oct. 1955 to Sep. 1956 3.60**
- 2. Aug. 1952 to Jul. 1953 4.22**
- 3. Aug. 2010 to Jul. 2011 4.84**
- 4. May 1917 to Apr. 1918 5.78**
- 5. Nov. 1936 to Oct. 1937 5.87**
- 6. Apr. 2001 to Mar. 2002 6.30**
- 7. Oct. 1950 to Sep. 1951 6.32**
- 8. Mar. 1933 to Feb. 1934 6.60**
- 9. Sep. 1966 to Aug. 1967 6.88**
- 10. Oct. 1988 to Sep. 1989 7.78**

**At San Antonio, the driest non-overlapping 1 year periods from 1871 to September 2011 follow. The latest 30 year 1981 to 2010 normal for one year at San Antonio is 32.27 inches.**

- 1. Feb. 1917 to Jan. 1918 9.26**
- 2. Sep. 2008 to Aug. 2009 9.41**
- 3. Jul. 1924 to Jun. 1925 9.84**
- 4. Aug. 1955 to Jul. 1956 10.51**
- 5. Oct. 2010 to Sep. 2011 10.71**
- 6. Apr. 2005 to Mar. 2006 12.27**
- 7. Jun. 1970 to Aug. 1971 12.37**
- 8. Jul. 1938 to Jun. 1939 12.95**
- 9. Jun. 1897 to May 1898 13.21**
- 10. Oct. 1909 to Sep. 1910 13.26 \***  
**Sep. 1909 to Aug. 1910 13.26 \***  
**Nov. 1953 to Oct. 1954 13.26**

**\*Note, The same period, Oct. 1909 to Sep. 1910 and Sep. 1909 to Aug. 1910 are both listed, because they tied with a later time period, Nov. 1953 to Oct. 1954, for 13.26 inches of rain at San Antonio.**